

### **Amendments to the Claims**

#### ***Claims 1-32. (Canceled)***

33. **(Previously Presented)** The loudspeaker according to claim 41, wherein said edge member includes convexities and concavities alternately arranged in a peripheral direction of said edge member.

34. **(Previously Presented)** The loudspeaker according to claim 41, wherein the loudspeaker has a length and a width, with the length being greater than the width, and  
a variation in thickness of said edge member in a lengthwise direction of the loudspeaker is greater than a variation in thickness of said edge member in a widthwise direction of the loudspeaker.

35. **(Previously Presented)** The loudspeaker according to claim 34, wherein a dimension of said inner peripheral portion of said edge member is smaller than a corresponding dimension of said outer peripheral portion said diaphragm.

36. **(Previously Presented)** The loudspeaker according to claim 34, wherein said edge member is corrugated in a direction from said inner peripheral portion of said edge member to said outer peripheral portion of said edge member.

37. **(Previously Presented)** The loudspeaker according to claim 34, wherein said edge member includes ribs in a direction from said inner peripheral portion of said edge member to said outer peripheral portion of said edge member.

38. **(Previously Presented)** The loudspeaker according to claim 34, wherein said edge member includes ribs in a peripheral direction of said edge member.

39. **(Previously Presented)** The loudspeaker according to claim 34, wherein a thickness of said edge member in a lengthwise direction of the loudspeaker is greater than a thickness of said edge member in a widthwise direction of the loudspeaker.

40. **(Previously Presented)** The loudspeaker according to claim 41, wherein an expansion ratio of said foamed resin differs between said inner peripheral portion of said edge member and said outer peripheral portion of said edge member.

41. **(Previously Presented)** The loudspeaker according to claim 60, wherein said edge member includes skin layers on said foamed layer.

42. **(Previously Presented)** The loudspeaker according to claim 41, wherein a dimension of said inner peripheral portion of said edge member is smaller than a corresponding dimension of said outer peripheral portion of said diaphragm.

43. **(Previously Presented)** The loudspeaker according to claim 41, wherein said edge member is corrugated in a direction from said inner peripheral portion of said edge member to said outer peripheral portion of said edge member.

44. **(Previously Presented)** The loudspeaker according to claim 41, wherein said edge member includes ribs in a direction from said inner peripheral portion of said edge member to said outer peripheral portion of said edge member.

45. **(Previously Presented)** The loudspeaker according to claim 41, wherein said edge member includes ribs in a peripheral direction of said edge member.

46. **(Previously Presented)** The loudspeaker according to claim 41, wherein the loudspeaker has a length and a width, with the length being greater than the width,  
and

a thickness of said edge member in a lengthwise direction of the loudspeaker is greater than a thickness of said edge member in a widthwise direction of the loudspeaker.

***Claim 47-54. (Canceled)***

**55. (Previously Presented)** The loudspeaker according to claim 61, wherein said edge member includes skin layers on said foamed layer.

**56. (Previously Presented)** The loudspeaker according to claim 62, wherein said edge member includes skin layers on said foamed layer.

**57. (Previously Presented)** The loudspeaker according to claim 63, wherein said edge member includes skin layers on said foamed layer.

**58. (Previously Presented)** The loudspeaker according to claim 64, wherein said edge member includes skin layers on said foamed layer.

**59. (Previously Presented)** The loudspeaker according to claim 65, wherein said edge member includes skin layers on said foamed layer.

**60. (Currently Amended)** A loudspeaker comprising:

a magnetic circuit;

a frame connected to said magnetic circuit;

a voice coil that is positioned within a magnetic gap of said magnetic circuit;

a diaphragm;

an edge member that includes an inner peripheral portion, an arc portion and an outer

peripheral portion, said inner peripheral portion of said edge member extending from said an outer peripheral portion of said diaphragm to a radially innermost part of said arc portion and

said outer peripheral portion of said edge member extending from said frame to a radially outermost part of said arc portion; and

wherein said diaphragm includes ~~an~~said outer peripheral portion, ~~that~~which is bonded to said frame via said edge member, and an inner peripheral portion that is bonded to said voice coil,

wherein in a sectional view said inner peripheral portion of said edge member and said outer peripheral portion of said edge member are straight,

wherein said edge member is a separate member relative to said diaphragm and is bonded thereto,

wherein said edge member comprises a foamed layer, the foamed layer being made of a foamed resin that includes both an independent foam and a continuous foam,

wherein a thickness of a sectional shape of said inner peripheral portion of said edge member is thinner than a thickness of a sectional shape of said outer peripheral portion of said edge member, and

wherein said radially innermost part of said arc portion has a higher density than said radially outermost part of said arc portion.

**61. (Currently Amended)** A loudspeaker comprising:

a magnetic circuit;

a frame connected to said magnetic circuit;

a voice coil that is positioned within a magnetic gap of said magnetic circuit;

a diaphragm;

an edge member that includes an inner peripheral portion, an arc portion and an outer peripheral portion, said inner peripheral portion of said edge member extending from ~~said an~~ outer peripheral portion of said diaphragm to a radially innermost part of said arc portion and said outer peripheral portion of said edge member extending from said frame to a radially outermost part of said arc portion; and

wherein said diaphragm includes ~~an~~said outer peripheral portion, ~~that~~which is bonded to said frame via said edge member, and an inner peripheral portion that is bonded to said voice coil,

wherein in a sectional view said inner peripheral portion of said edge member and said outer peripheral portion of said edge member are straight,

wherein said edge member is a separate member relative to said diaphragm and is bonded thereto,

wherein said edge member comprises a foamed layer, the foamed layer being made of a foamed resin that includes both an independent foam and a continuous foam,

wherein the loudspeaker has a length and a width, with the length being greater than the width,

wherein a thickness of said edge member in a lengthwise direction of the loudspeaker is greater than a thickness of said edge member in a widthwise direction of the loudspeaker, and

wherein said radially innermost part of said arc portion has a higher density than said radially outermost part of said arc portion.

**62. (Currently Amended)** A loudspeaker comprising:

a magnetic circuit;

a frame connected to said magnetic circuit;

a voice coil that is positioned within a magnetic gap of said magnetic circuit;

a diaphragm;

an edge member that includes an inner peripheral portion, an arc portion and an outer peripheral portion, said inner peripheral portion of said edge member extending from ~~said an~~ outer peripheral portion of said diaphragm to a radially innermost part of said arc portion and said outer peripheral portion of said edge member extending from said frame to a radially outermost part of said arc portion; and

wherein said diaphragm includes ~~an~~said outer peripheral portion, ~~that~~which is bonded to said frame via said edge member, and an inner peripheral portion that is bonded to said voice coil,

wherein in a sectional view said inner peripheral portion of said edge member and said outer peripheral portion of said edge member are straight,

wherein said edge member is a separate member relative to said diaphragm and is bonded thereto,

wherein said edge member comprises a foamed layer, said foamed layer being made of a foamed resin that includes both an independent foam and a continuous foam, and includes convexities and concavities alternately arranged in a peripheral direction of said edge member, and

wherein said radially innermost part of said arc portion has a higher density than said radially outermost part of said arc portion.

63. **(Currently Amended)** A loudspeaker comprising:

a magnetic circuit;

a frame connected to said magnetic circuit;

a voice coil that is positioned within a magnetic gap of said magnetic circuit;

a diaphragm;

an edge member that includes an inner peripheral portion, an arc portion and an outer peripheral portion, said inner peripheral portion of said edge member extending from ~~said~~said an outer peripheral portion of said diaphragm to a radially innermost part of said arc portion and said outer peripheral portion of said edge member extending from said frame to a radially outermost part of said arc portion; and

wherein said diaphragm includes ~~an~~said outer peripheral portion, ~~that~~which is bonded to said frame via said edge member, and an inner peripheral portion that is bonded to said voice coil,

wherein in a sectional view said inner peripheral portion of said edge member and said outer peripheral portion of said edge member are straight,

wherein said edge member is a separate member relative to said diaphragm and is bonded thereto,

wherein said edge member comprises a foamed layer, the foamed layer being made of a

foamed resin that includes both an independent foam and a continuous foam,

wherein a dimension of said inner peripheral portion of said edge member is smaller than a corresponding dimension of said outer peripheral portion of said diaphragm, and

wherein said radially innermost part of said arc portion has a higher density than said radially outermost part of said arc portion.

64. **(Currently Amended)** A loudspeaker comprising:

a magnetic circuit;

a frame connected to said magnetic circuit;

a voice coil that is positioned within a magnetic gap of said magnetic circuit;

a diaphragm;

an edge member that includes an inner peripheral portion, an arc portion and an outer peripheral portion, said inner peripheral portion of said edge member extending from ~~said~~an outer peripheral portion of said diaphragm to a radially innermost part of said arc portion and said outer peripheral portion of said edge member extending from said frame to a radially outermost part of said arc portion; and

wherein said diaphragm includes ~~an~~said outer peripheral portion, ~~that~~which is bonded to said frame via said edge member, and an inner peripheral portion that is bonded to said voice coil,

wherein in a sectional view said inner peripheral portion of said edge member and said outer peripheral portion of said edge member are straight,

wherein said edge member is a separate member relative to said diaphragm and is bonded thereto,

wherein said edge member comprises a foamed layer, the foamed layer being made of a foamed resin that includes both an independent foam and a continuous foam,

wherein said edge member is corrugated in a direction from said inner peripheral portion of said edge to said outer peripheral portion of said edge member, and

wherein said radially innermost part of said arc portion has a higher density than said radially outermost part of said arc portion.

65. **(Currently Amended)** A loudspeaker comprising:

a magnetic circuit;

a frame connected to said magnetic circuit;

a voice coil that is positioned within a magnetic gap of said magnetic circuit;

a diaphragm;

an edge member that includes an inner peripheral portion, an arc portion and an outer peripheral portion, said inner peripheral portion of said edge member extending from ~~said~~an outer peripheral portion of said diaphragm to a radially innermost part of said arc portion and said outer peripheral portion of said edge member extending from said frame to a radially outermost part of said arc portion; and

wherein said diaphragm includes ~~an~~said outer peripheral portion, ~~that~~which is bonded to said frame via said edge member, and an inner peripheral portion that is bonded to said voice coil,

wherein in a sectional view said inner peripheral portion of said edge member and said outer peripheral portion of said edge member are straight,

wherein said edge member is a separate member relative to said diaphragm and is bonded thereto,

wherein said edge member comprises a foamed layer, the foamed layer being made of a foamed resin that includes both an independent foam and a continuous foam,

wherein said edge member includes ribs that extend from said inner peripheral portion of said edge member to said outer peripheral portion of said edge member, and

wherein said radially innermost part of said arc portion has a higher density than said radially outermost part of said arc portion.